

Welcome to

SVVS CAL Labs Private Limited

**An ISO/IEC 17025:2017 (NABL) and
An ISO 9001:2015 Certified Laboratory**

Technical

www.svvscalabs.com

Company overview



❖ SVVS CAL LABS PRIVATE LIMITED have been involved in the service field of Pharmaceutical Industry in **Calibration, Validation (Thermal, HVAC, CSV, Utilities, Equipment) and Environmental Control chambers & AHU AMC Service** for more than two decades, supported by highly qualified, experienced & Technical experts.

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Team Strength



❖ Our team is highly qualified and have in-depth knowledge of their respective domains. We impart regular training to enhance their skills. We will provide timely international exposure of relevant of topics as required to meet Industrial Compliance. Our ethical policies ensure to take care of the interest of employees in a good manner.

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Infrastructure



❖ The organization has a world class infrastructure which has been the driving force behind our success. Our all-business procedures are followed in a very orderly and synchronized manner. Highly advanced equipment and machines help us invariably in achieving our set goals and targets.

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Our Services



- Calibration Services
- Thermal Validation
- Clean Room Validation
- Environmental Control Chamber AMC Services
- Utility Testing/ Validation
- Computer System Validation
- Equipment Validation

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Calibration Services

Mechanical

Thermal

Electro Technical

Mass & Volume

Dimensions

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Calibration (Mechanical)



Scope for Pressure Indicating Devices

- Hydraulic Pressure Guage, Transmitters, Switches – (0 to 700 bar)
- Pneumatic Pressure Guage, Transmitters, Switches – (0 to 40 bar)
- Vacuum Guage, Transmitters, Switches – (-1 to 0 bar)
- Magnehelic Guage, Differential Pressure Indicators, Manometers – (0 to 100 mbar)



Calibration (Mechanical)



Masters

- Digital Pressure Gauges
- Digital Manometers

Source

- Pneumatic pump
- Hydraulic Pump
- Low Pressure Pump



Calibration (Thermal)

Scope

- Temperature: -80°C– 1200°C
- Hygrometer: 10-50°C and 20-95% RH



Instruments

- RTD Sensors with & without Indicators
- Thermocouple with & without Indicator
- Glass Thermometers
- Thermo Hygrometers
- Data Logger (Temp & Humidity)
- Temperature Gauges
- Incubators
- Hot air oven
- Muffle furnace
- Infrared Temperature gun



Calibration (Thermal)



Masters

- SSPRT Sensor with 6.5 digit multi meter
- S-Type Thermo couple with Indicator
- Digital Temperature and Humidity meter with sensor
- Data logger with Sensors



Source

- Liquid Temperature bath
- Dry Temperature bath
- Portable Temperature and Humidity Generator



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Calibration (Dimensions)



Equipment's

- Vernier Calliper/ micro meter
- Gauge blocks
- Feeler Gauge
- Steel scale (Ruler)
- Test sieves
- Pitch Gauge

Masters

- Slip gauge
- Vernier calliper
- Profile Projector



Calibration (Mass & Volume)



Scope

- Weighing balances: 1 mg - 500kg
- Weights: 1mg - 20 kg
- Micro Pipettes: 10 μ l – 10ml
- Glassware: 1ml – 10L

Equipment's

- Measuring Cylinder
- Volumetric Flasks
- Glass Pippets
- E2, F1, F2, M1, M2 and M3 class weights and weights box
- Weighing Balances



Calibration (Mass & Volume)



Masters

- Electronic weighing balances
- Standard weights



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Calibration (Electro Technical)



Scope

- Temperature Indicators: -80°C – 1200°C
- Electrical Measuring Equipment's: 0-1000V, 0-1000A, 0-10 MΩ

Masters

- Lux Meter
- Sound Level Calibrator
- Universal Calibrator
- Multi Function Calibrator

Equipment's

- Lux Meter
- Sound Level Meter
- Temperature Indicator
- Multi meter
- Clamp meter
- Volt/ Ammeter



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Third Party Scope

We undertake a Third-party NABL service of Mass & Volume, Dimensions and Electro Technical through our approved channel partners thereof.



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Thermal Validation



Area Mapping

Equipment Mapping

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Area Mapping



Scope

- -30°C to 50°C
- RH 20%-95%

Masters

- Portable Data Logger

Parameter

- Process area
- Ware house
- Walk-in cold rooms
- Walk-in Freezers



Equipment Mapping



Scope

- -80°C to 300°C

Masters

- Data logger with sensor
- Portable Data Logger

Equipment's

- Refrigerators
- Freezers
- Incubators
- Ovens
- Auto clave
- Tunnels
- Lypholizers
- Muffle Furnace
- Water bath
- Stability chambers



Clean room validation (HVAC)

Test Case

- Air Velocity
- Filter Integrity
- Particle count
- Airflow visualisation
- Recovery

Masters

- Particle counter
- Anemometer
- Aerosol photo meter
- Aerosol Generator
- Water fogger
- Video camera
- Capture hood



Utility Testing/ Validation



Scope



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Compressed Air / Nitrogen



Parameter

- Dew point
- Oil mist
- Water content
- Hydro carbons
- CO, CO₂, SO, SO₂
- Viable and Non-viable count



Pure Steam Quality



Parameter

- Super heated test
- Non condensate test
- Dryness test



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Environmental Control Chamber AMC Services



Environmental Chambers Equipment's

- Stability chambers
- BOD incubator
- Incubator
- Hot air oven
- Cold chamber
- Oven
- Deep freezers
- Autoclave
- Microbiological safety cabinet
- Muffle furnace
- Humidity chamber
- Water bath



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Environmental Control Chamber AMC Services



Environmental Control Chambers:

- 4 AMC visits
- 1 time calibration and validation
- Breakdown services



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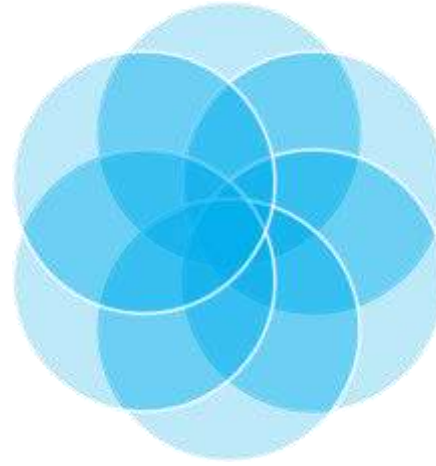
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Computer System Validation



**Server
Validation**

**Network
Qualification**



**PLC/HMI
Validation**

**Excel Sheet
Validation**

**SCADA/ IPC
Validation**

**Software
Validation**



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Equipment Validation



1. Process Equipment

2. Utility Equipment

3. Packing Equipment

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Process Equipment

- **OSD**
(RMG, FBD/FBP, Blender, TCM, Auto coater, Capsule filling machine, Tablet thickness sorter)
- **Injectable's**
(Vial filling, Lypholizer, Cartridge filling, PFS, BFS Machine)
- **API**
(Fermenters, Vessels)
- **Liquid Lines**
- **Topical Equipment's**
- **Encapsulation Machine**



Utility Equipment

- **Water plant**
(PW generation & distribution, WFI generation & distribution, PS generation & distribution)
- **Chillers**
- **Compressed air generator**



Packing Equipment

- **Bulk Packing**
(Unscrambler, Desiccant Inserter, Tablet Counter, Caping & Screwing, Induction sealing)
- **Blister Packing Machine**
- **Secondary and Tertiary packing**
(Cartoning Machine, Labelling Machine)
- **Inspection Systems**
(Blister Inspection, 2D-Inspection, 360 degree Inspection)

Our Clients



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Get in touch



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Branches in India

1. Visakhapatnam
2. Bangalore

Overseas

Zambia (South Africa)

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THANK YOU!

For your valuable Time.

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